

**The London Resort
Landscape and Visual Impact Assessment, Technical Appendix 11.6
Table of Cumulative Effects**

Table A11.6.1: Landscape Resources.

Landscape Resource	Construction Effect	Operational (Y1) Effect	Operational (Y15) Effect	Cumulative Schemes with potential for direct/indirect effects upon Landscape Resource	Detail of Cumulative Schemes	Nature of potential impact	Cumulative Assessment	Cumulative Effect
Local Landscape Character Areas								
1. Marshland LLCA	Significant	Significant	Significant	ID17 and ID42 located adjacent to LLCA.	ID42 is consented and ID17 in planning awaiting decision.	Indirect effects as a result of ID17 and ID42 located adjacent to LLCA.	ID17 and ID42 would be visible from within the Marshland LLCA.	Significant cumulative effect with the Kent Project Site as the main proponent.
2. Chalk Pits LLCA	Significant	Significant	Significant	N/A	N/A	N/A	N/A	No cumulative effects.
3. International LLCA	Not Significant	Not Significant	Not Significant	Cumulative schemes ID9, ID18, ID19, as illustrated on Figure 21.3 located adjacent to LLCA.	All cumulative schemes are consented.	Indirect in-combination landscape effects.	The Kent Project Site does not result in a significant cumulative effect upon the LLCA. The cumulative schemes are largely built out and would further reinforce a residential influence over the area. The Kent Project Site.	Not significant, cumulative effect.
4. Northfleet LLCA	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
5. Northfleet Industrial LLCA	Not Significant	Not Significant	Not Significant	ID20, ID21, ID39, ID40, ID41, ID43 as shown on Figure 21.3 .	All schemes are consented, with ID20, ID21, ID39, ID40 and ID41 comprising mixed use development of residential and employment uses, which mainly use brownfield land but will ultimately change the character of the area.	In combination direct landscape effects.	The Kent Project Site does not result in a significant effect upon the LLCA itself. The cumulative schemes, all of which are consented would occupy a large area of the LLCA, fundamentally changing the character from almost solely industrial to a mixture including residential.	Significant cumulative effect, largely due to other cumulative schemes.
6. Northfleet Suburbs LLCA	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
7. Swanscombe LLCA	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect
8. Swanscombe Heritage Park LLCA	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect
9. Ingress Park LLCA	Not Significant	Not Significant	Not Significant	Cumulative schemes ID17, ID42 adjacent to the Kent Project Site as shown on Figure 21.3	ID42 is consented and ID17 in planning awaiting decision.	In combination direct landscape effects. Indirect landscape effects of Kent Project Site.	The cumulative schemes would be consistent with their character area of high-quality residential development, however, the scale would result in a notable addition to the LLCA. When considered alongside the indirect effects of the Kent Project Site, there would be a cumulative effect.	Certain scenario: The addition of the Kent Project Site would create the cumulative effect, which would be not significant. Uncertain scenario: Significant cumulative effect, largely due to cumulative schemes ID17 and ID42, already established and added to by the Kent Project Site.
10. Greenhithe Village LLCA	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
11. Knockhall LLCA	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
12. Stone Town LLCA	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
13. Stone Marshes Riverside and Crossways Business Park LLCA	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.

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Landscape Resource	Construction Effect	Operational (Y1) Effect	Operational (Y15) Effect	Cumulative Schemes with potential for direct/indirect effects upon Landscape Resource	Detail of Cumulative Schemes	Nature of potential impact	Cumulative Assessment	Cumulative Effect
14. Gravesham Town Centre and Riverside LLCA	Not Significant	Not Significant	Not Significant	Cumulative schemes ID1, ID2, ID3, ID4 as shown in Figure 21.3 .	These cumulative schemes are located on the opposite side of the Thames to this LLCA. ID1 has consent whilst the others are in planning.	Indirect in-combination effects of Essex Project Site and cumulative schemes.	There would be indirect cumulative effects upon this landscape resource as a result of the cumulative schemes and the Essex Project Site. Perceptually the outlook from the northern edge of this LLCA would change. However, the key characteristics of the LLCA as a whole would remain intact.	Not significant cumulative effect either overall or as a result of the Essex Project Site.
15. Gravesend Victorian/Edwardian Suburbs LLCA	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
16. Gravesend Inter/Post War Suburbs LLCA	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
17. Gravesend Modern Suburbs LLCA	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
18. Gravesend Southern Fringe LLCA	Not Significant	Not Significant	Not Significant	Cumulative scheme ID21 as illustrated on Figure 21.3 .	ID21 is for the development of up to 400 homes. Permission was granted in 2018 and the scheme is currently being built out.	In combination landscape effects.	The Kent Project Site would not result in a significant effect upon the LLCA. ID21 comprises a housing scheme which would take up a large proportion of the green space within the LLCA.	Significant cumulative effect, with ID21 being the main contributor to the significant effect.
19. Springhead LLCA	Not Significant	Not Significant	Not Significant	Cumulative schemes ID18 ID19, as illustrated on Figure 21.3 .	Both schemes are for residential development and are currently being built out.	In combination direct landscape effects of the cumulative schemes. Indirect effects from the Kent Project Site.	The Kent Project Site takes up a small part of this area which mainly comprise works to the existing sewage works. The character of the area will not change as a result of the Proposed Development. ID18 and ID19 comprise housing schemes which take up a large proportion of the LLCA, establishing the cumulative effect.	The Kent Project Site, along with ID18 and ID19 would result in a significant effect. The Kent Project Site would add to this only to a limited degree.
20. Wombwell Park LLCA	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
21. Southfleet and Istead Arable Lands LLCA	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
22. Darenth Downs LLCA	Not Significant	Not Significant	Not Significant	Cumulative scheme ID10 as illustrated on Figure 21.3 .	ID10 comprises junction improvements, permitted in June 2020.	In combination landscape effects.	The Kent Project Site takes up an extremely small part of this area which mainly comprise minor works to the existing highways. The character of the area will not change as a result of the Project Site. Neither scheme would result in an elevated effect upon the LLCA in their own right or in combination with one another.	Not significant cumulative effect.
23. Ebbsfleet LLCA	Not Significant	Not Significant	Not Significant	Cumulative schemes ID9, ID11 as shown on Figure 21.3 .	Both schemes are consented.	In combination direct landscape effects.	The Kent Project Site does not result in a significant effect upon the LLCA. ID9 comprises a large scale housing scheme which will take up the vast majority of land with the LLCA.	ID9 and ID11 would result in a significant cumulative effect. The Kent Project Site would not add to what is already a significant cumulative effect.
24. Bluewater LLCA	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect
25. Long Reach and Fiddler's Reach LLCA	Not Significant	Not Significant	Not Significant	Cumulative scheme ID17 as shown in Figure 21.3 .	ID17 is located adjacent to the Kent Project Site and is in planning awaiting decision.	Indirect in combination landscape effects.	Due to the nature of the LLCA, part of the key characteristics are the outward views. These would be altered by ID17 and the Kent Project site.	Not significant cumulative effects.

Landscape Resource	Construction Effect	Operational (Y1) Effect	Operational (Y15) Effect	Cumulative Schemes with potential for direct/indirect effects upon Landscape Resource	Detail of Cumulative Schemes	Nature of potential impact	Cumulative Assessment	Cumulative Effect
26. Northfleet Hope Reach LLCA	Not Significant	Not Significant	Not Significant	ID20, ID21, ID39, ID40, ID41, ID43 as shown on Figure 21.3 .	All schemes are consented, with ID20, ID21, ID39, ID40 and ID41 comprising mixed use development of residential and employment uses which mainly use brownfield land. These are in close proximity to the boundary of the LLCA.	Indirect in combination landscape effects.	Due to the nature of the LLCA, part of the key characteristics are the outward views. These would be altered by cumulative schemes however the context would remain as urbanized riverbanks.	Not Significant cumulative effect.
27. Gravesend Reach LLCA	Not Significant	Not Significant	Not Significant	Cumulative schemes ID1, ID2, ID3, ID4 as shown in Figure 21.3 .	These are located on the north bank outside the LLCA. They range from residential developments, to energy facilities and port terminals. ID1 is consented whilst the other sites are in planning.	Indirect in combination landscape effects.	Due to the nature of the LLCA, part of the key characteristics are the outward views. These would be altered by cumulative schemes however the context would remain as urbanized riverbanks.	Not Significant cumulative effects under both certain and uncertain scenarios.
28. Tilbury Marshes LLCA	Not Significant	Not Significant	Not Significant	Cumulative schemes ID1, ID2, ID3, ID4, ID22 and ID27 as shown in Figure 21.3 .	These are located throughout the LLCA, with some consented (ID1, ID2) and some in planning (ID3, ID4, ID22, ID27). They range from residential developments, to energy facilities and port terminals.	Direct in combination effects. Indirect effects of Essex Project Site.	There would be direct cumulative effects upon this landscape resource as a result of the cumulative schemes. The Essex Project Site would have very little indirect effect upon this area.	Certain scenario: There would be a significant cumulative effect already established by the cumulative sites. The Essex Project Site would add to this minimally. Uncertain scenario: Adding in the planning sites would make the existing cumulative effect more extensive, and the addition of the Essex Project Site an even smaller addition to this.
29. Tilbury Urban Area LLCA	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
30. Tilbury Docks LLCA	Not Significant	Not Significant	Not Significant	Cumulative schemes ID1, ID2, ID3, ID4 as shown in Figure 21.3 .	These are located to the east of the LLCA within the Tilbury Marshes LLCA. ID1 has consent whilst the other schemes are in planning.	Indirect in combination effects of the cumulative schemes. Direct effects of Essex Project Site.	There would be indirect cumulative effects upon this landscape resource as a result of the cumulative schemes. The Essex Project Site would have very little direct effect upon this area.	Not significant cumulative effect for either certain or uncertain scenario, largely due to the cumulative site's separation from the LLCA by 700m.
31. Grays/Chadwell St Mary Urban Area LLCA	Not Significant	Not Significant	Not Significant	Cumulative schemes ID17, ID23, ID24 and ID27.	This cumulative scheme ID17 is in planning awaiting decision and is located on the opposite side of the Thames to this LLCA.	Indirect in-combination effects of Kent Project Site and cumulative scheme ID17 from cross water views. Indirect in-combination effects from ID27 adjacent to the LLCA. Direct effects from ID23 and ID24.	Direct cumulative effects from ID23 and 24. There would be indirect cumulative effects upon this landscape resource as a result of the ID17, ID27 and the Kent Project Site. Perceptually the outlook from the southern edge of this LLCA would change. However, the key characteristics of the LLCA as a whole would remain intact.	Not significant cumulative effect.
32. West Thurrock LLCA	Not Significant	Not Significant	Not Significant	Cumulative schemes ID32, ID17.	ID17 is awaiting decision and is located on the opposite side of the Thames to this LLCA.	Direct effects from ID32. Indirect in-combination effects of Kent Project Site and cumulative scheme ID17 from cross water views.	There would be indirect cumulative effects upon this landscape resource as a result of the ID17 and the Kent Project Site. Perceptually the outlook from the southern edge of this LLCA would change. However, the key characteristics of the LLCA as a whole would remain intact.	Not significant cumulative effect either overall or as a result of the Kent Project Site.
Kent Landscape Character Assessment								
Western Thames Marshes LCA	Significant	Significant	Significant	N/A	N/A	N/A	N/A	No cumulative effect.

Landscape Resource	Construction Effect	Operational (Y1) Effect	Operational (Y15) Effect	Cumulative Schemes with potential for direct/indirect effects upon Landscape Resource	Detail of Cumulative Schemes	Nature of potential impact	Cumulative Assessment	Cumulative Effect
Dartford and Gravesend Fringes LCA	Not Significant	Not Significant	Not Significant	Cumulative schemes ID9, ID11, ID18, ID19 as shown on Figure 21.3 .	All schemes are consented.	In combination direct landscape effects.	The Kent Project Site does not result in a significant effect upon the LCA. ID9, ID18 and ID19 comprise large scale housing schemes which will take up the vast majority of land with the LCA.	ID9, ID11, ID18 and ID19 would result in a significant cumulative effect. The Kent Project Site would not add to what is already a significant cumulative effect.
Darenth Downs LCA	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
Southfleet Arable Lands LCA	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
Gravesham Landscape Character Assessment								
Botany Marshes LCA	Significant	Significant	Significant	N/A	N/A	N/A	N/A	No cumulative effect.
Gravesend Southern Fringe LCA	Not Significant	Not Significant	Not Significant	Cumulative scheme ID21 as illustrated on Figure 21.3 .	ID21 is for the development of up to 400 homes. Permission was granted in 2018 and the scheme is currently being built out.	In combination landscape effects.	The Kent Project Site would not result in a significant effect upon the LLCA. ID21 comprises a housing scheme which would take up a large proportion of the green space within the LLCA.	Significant cumulative effect, with ID21 being the main contributor to the significant effect.
Istead Arable Farmland LCA	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
Gravesham Townscape Appraisal								
Industrial Hinterland TCA	Not Significant	Not Significant	Not Significant	ID20, ID21, ID39, ID40, ID41, ID43 as shown on Figure 21.3 .	All schemes are consented, with ID20, ID21, ID39, ID40 and ID41 comprising mixed use development of residential and employment uses which mainly use brownfield land but will ultimately change the character of the area.	In combination direct landscape effects.	The Kent Project Site does not result in a significant effect upon the LCA itself. The cumulative schemes, all of which are consented would occupy a large area of the LCA, fundamentally changing the character from almost solely industrial to a mixture including residential.	Significant cumulative effect, largely due to other cumulative schemes.
Northfleet TCA	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
Modern Suburbs TCA	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
Thurrock Landscape Capacity Study								
Tilbury and Docks Urban Area LCA	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
Tilbury Marshes LCA	Not Significant	Not Significant	Not Significant	Cumulative schemes ID1, ID2, ID3, ID4, ID22 and ID27 as shown in Figure 21.3 .	These are located throughout the LLCA, with some consented (ID1, ID2) and some in planning (ID3, ID4, ID22, ID27). They range from residential developments, to energy facilities and port terminals.	Direct in combination effects. Indirect effects of Essex Project Site.	There would be direct cumulative effects upon this landscape resource as a result of the cumulative schemes. The Essex Project Site would have very little indirect effect upon this area.	Certain scenario: There would be a significant cumulative effect already established by the cumulative sites. The Essex Project Site would add to this minimally. Uncertain scenario: Adding in the planning sites would make the existing cumulative effect more extensive, and the addition of the Essex Project Site an even smaller addition to this.
Thames Strategy East								
Long Reach and Fiddler's Reach RCA	Not Significant	Not Significant	Not Significant	Cumulative scheme ID17 as shown in Figure 21.3 .	ID17 is located adjacent to the Kent Project Site and is in planning awaiting decision.	Indirect in combination landscape effects.	Due to the nature of the RCA, part of the key characteristics are the outward views. These would be altered by ID17 and the Kent Project site.	Not significant cumulative effects.

Landscape Resource	Construction Effect	Operational (Y1) Effect	Operational (Y15) Effect	Cumulative Schemes with potential for direct/indirect effects upon Landscape Resource	Detail of Cumulative Schemes	Nature of potential impact	Cumulative Assessment	Cumulative Effect
Northfleet Hope Reach RCA	Not Significant	Not Significant	Not Significant	ID20, ID21, ID39, ID40, ID41, ID43 as shown on Figure 21.3 .	All schemes are consented, with ID20, ID21, ID39, ID40 and ID41 comprising mixed use development of residential and employment uses which mainly use brownfield land. These are in close proximity to the boundary of the RCA.	Indirect in combination landscape effects.	Due to the nature of the RCA, part of the key characteristics are the outward views. These would be altered by cumulative schemes however the context would remain as urbanized riverbanks.	Not Significant cumulative effect.
Gravesend Reach RCA	Not Significant	Not Significant	Not Significant	Cumulative schemes ID1, ID2, ID3, ID4 as shown in Figure 21.3 .	These are located on the north bank outside the RCA. They range from residential developments, to energy facilities and port terminals. ID1 is consented whilst the other sites are in planning.	Indirect in combination landscape effects.	Due to the nature of the RCA, part of the key characteristics are the outward views. These would be altered by cumulative schemes however the context would remain as urbanized riverbanks.	Not Significant cumulative effects under both certain and uncertain scenarios.

Table A11.6.2: Visual Amenity.

Viewpoint	Distance from Project Site	Construction Effect	Operational (Y1) Effect	Operational (Y15) Effect	Cumulative Schemes Visible in Combination or Sequentially	Detail of Cumulative Schemes Visible	Nature of potential impact	Assessment of Proposed Scheme	Assessed Effect
PVP1: Footpath DS1 Swanscombe Peninsula	0m;	Significant	Significant	Significant	ID17, ID42 as shown on Figure 21.3 .	These lie between 700m and 900m, as shown on Figure 21.3 , and some are in planning and some consented.	In combination visual impacts resulting from presence within the view. Also potential sequential impacts for users of this route.	ID17 would be prominent in the view, extending out into the River Thames and includes a 16 storey tower which would create a significant effect in itself. The Proposed scheme at the Kent Project Site would add to what is already a significant effect established by the cumulative scheme.	Cumulative effect. Significant due to Kent Project Site and ID17 in combination or separately.
PVP2: Footpath DS1, Black Duck Marsh	15m;	Significant	Significant	Significant	ID17, ID42 as shown on Figure 21.3 .	ID17 is located adjacent to the view (behind it) whilst ID 42 is located within 300m as shown on Figure 21.3 . ID42 is consented whilst ID17 is in planning awaiting decision.	In-combination visual impacts resulting from presence within the view. Also potential sequential impacts for users of this route.	The most prominent cumulative scheme would be ID17, which would be visible at close range. ID42 would also be visible, making the cumulative effect already evident.	Certain scenario: the Kent Project Site would establish cumulative effect with ID42, which would be significant. Uncertain scenario: adding in ID17 there would already be a significant cumulative effect (with ID42) to which the Kent Project Site would add.
PVP3: Footpath DS1 and NU1, Green Manor Way	0m;	Significant	Significant	Significant	N/A	N/A	N/A	N/A	No cumulative effect
PVP4: Footpath DS2, Swanscombe Peninsula	0m;	Significant	Significant	Significant	N/A	N/A	N/A	N/A	No cumulative effect
PVP5: Galley Hill Way/Pilgrim's Road	0m;	Significant	Significant	Significant	N/A	N/A	N/A	N/A	No cumulative effect
PVP6: St Peter and St Paul Church Swanscombe	504m;	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect
PVP7: Leonard Avenue	743m;	Significant	Significant	Significant	N/A	N/A	N/A	N/A	No cumulative effect
PVP8: Rear of Leonard Avenue	657m;	Not Significant	Not Significant	Not Significant	ID9, ID10, ID11, ID15, ID18, ID19 as shown on Figure 21.3 .	These lie between 60m and 2km, as shown on Figure 21.3 , with all being consented.	In-combination visual impacts resulting from presence within the view.	The most prominent cumulative scheme would be ID9, which would be visible at close range. ID10, ID11, ID18, ID19 would also be visible, making the cumulative effect already evident. The Proposed scheme would not add to what is already a significant effect.	Significant cumulative effect would already exist due to other cumulative schemes in close proximity. Kent Project Site would add to this significant effect.
PVP9: Swanscombe Heritage Park	496m;	Significant	Significant	Significant	N/A	N/A	N/A	N/A	No cumulative effect
PVP10: Knockhall Road	216m;	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect
PVP11: Ingress Abbey	390m;	Significant	Significant	Significant	ID17, ID42 as shown on Figure 21.3 .	These lie within 500m, as shown on Figure 21.3 , with ID42 consented and ID17 in planning awaiting decision.	In-combination visual impacts resulting from presence within the view.	The Kent Project Site would result in a significant effect where cumulative schemes ID17 and ID42 would be limited in the view and would not have a significant effect.	Significant cumulative effect, due to the Kent Project Site in the certain scenario with ID42 and uncertain scenario by adding ID17.
PVP12: Greenhithe Riverfront, Sara Crescent	893m;	Significant	Significant	Significant	ID17 as shown on Figure 21.3 .	ID17 lies within 1km as shown on Figure 21.3 , and is in planning awaiting decision.	In-combination visual impacts resulting from presence within the view.	The Kent Project Site would result in a significant effect where cumulative scheme ID17 would be limited in the view and would not have a significant effect.	Significant cumulative effect. Significant effect due to the Kent Project Site.

Viewpoint	Distance from Project Site	Construction Effect	Operational (Y1) Effect	Operational (Y15) Effect	Cumulative Schemes Visible in Combination or Sequentially	Detail of Cumulative Schemes Visible	Nature of potential impact	Assessment of Proposed Scheme	Assessed Effect
PVP13: A2260 looking south	0m;	Significant	Not Significant	Not Significant	ID9 as shown on Figure 21.3 .	ID9 lies 300m and 2km as shown on Figure 21.3 , and is consented with the majority of the eastern end of the development complete.	In-combination visual impacts resulting from presence within the view. Also, potential sequential impacts for users of this route.	The Kent Project Site would not result in a significant effect in addition to ID9 in the view.	Not Significant cumulative effect.
PVP14: A2260 looking north	0m;	Significant	Not Significant	Not Significant	ID9 as shown on Figure 21.3 .	ID9 lies 300m and 2km as shown on Figure 21.3 , and is consented with the majority of the eastern end of the development complete.	In-combination visual impacts resulting from presence within the view. Also, potential sequential impacts for users of this route.	The Kent Project Site would not result in a significant effect in addition to ID9 in the view.	Not Significant cumulative effect.
PVP15: Scheduled Monument near Ebbsfleet International	0m;	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
PVP16: Ebbsfleet International Car Park	0m;	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
PVP17: Rosherville Quays, Gravesend Riverfront	721m;	Significant	Significant	Significant	Cumulative sites ID20, ID25, ID39, ID40, ID41 as shown on Figure 21.3 .	These lie within 100m and 1.4km, as shown on Figure 21.3 , with all having gained consent.	In-combination visual impacts resulting from presence within the view.	The most prominent cumulative scheme would be ID25, which would be visible at close range. Other schemes would also be visible, making the cumulative effect already evident. The Proposed scheme would add to what is already a significant effect.	Significant cumulative effect, largely due to other cumulative schemes in close proximity.
PVP18: North Kent Avenue	162m;	Significant	Significant	Significant	ID9 as shown on Figure 21.3 .	ID9 is located within 1.9km as shown on Figure 21.3 , and has consent.	In-combination visual impacts resulting from presence within the view.	The Kent Project Site would result in a significant effect where cumulative scheme ID9 is mostly complete and established as the evolving baseline.	Significant cumulative effect due to the Kent Project Site.
PVP19: Northfleet Lighthouse/Bevan's War Memorial	697m;	Not Significant	Not Significant	Not Significant	Cumulative sites ID20, ID25, ID39, ID40, ID41 as shown on Figure 21.3 .	These lie within 100m and 1.4km, as shown on Figure 21.3 , with all having gained consent.	In-combination visual impacts resulting from presence within the view. Also potential sequential impacts for users of this route.	The most prominent cumulative scheme would be ID39, which would consume the viewpoint in close range likely obscuring views towards the Kent Project Site and other cumulative sites.	Significant cumulative effect. Significant, due to cumulative scheme ID39 in close proximity.
PVP20: Opposite Rosherville Primary School	1km;	Significant	Significant	Not Significant	Cumulative sites ID20, ID25, ID39, ID40, ID41 as shown on Figure 21.3 .	These lie within 100m and 1.4km, as shown on Figure 21.3 , with all having gained consent.	In-combination visual impacts resulting from presence within the view. Also potential sequential impacts for users of this route.	The most prominent cumulative scheme would be ID39, which would be visible at close range. Other schemes would also be visible, making the cumulative effect already evident.	Significant cumulative effect due to other cumulative schemes in close proximity.
PVP21: Stonebridge Road B2175	200m;	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No significant effect.
PVP22: Footpath NU1 Botany Marshes near Britannia Refined Metals Ltd	3m;	Significant	Significant	Significant	N/A	N/A	N/A	N/A	No cumulative effect.
PVP23: Footpath NU1, Botany Marshes near CEMEX	15m;	Significant	Significant	Significant	N/A	N/A	N/A	N/A	No cumulative effect.

Viewpoint	Distance from Project Site	Construction Effect	Operational (Y1) Effect	Operational (Y15) Effect	Cumulative Schemes Visible in Combination or Sequentially	Detail of Cumulative Schemes Visible	Nature of potential impact	Assessment of Proposed Scheme	Assessed Effect
PVP24: Thames Path Promoted Route near Charles Park	1.6km;	Significant	Significant	Not Significant	ID17 as shown on Figure 21.3 .	ID17 is located within 1.5km, adjacent to the Kent Project Site as shown on Figure 21.3 , and is still in planning awaiting decision.	In-combination visual impacts resulting from presence within the view. Also potential sequential impacts for users of this route.	The Kent Project Site would not result in a significant effect in addition to ID17 in the view.	Not significant cumulative effect.
PVP25: High House, Production Park, Purfleet	3.87km	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect
PVP26: Footpath 170 south of Proctor and Gamble	1km	Significant	Significant	Significant	Cumulative sites ID17, ID39, ID42 as shown on Figure 21.3 .	These lie between 2km and 3.5km, as shown on Figure 21.3 , with most having gained consent. ID17 is still in planning awaiting decision.	In-combination visual impacts resulting from presence within the view.	The Kent Project Site would result in a significant effect where cumulative scheme ID17, ID39 and ID42 would be limited in the view and would not have a significant effect.	In the certain scenario (ID39 and ID42) and uncertain scenario (adding ID17) there would be a cumulative significant effect due to the Kent Project Site.
PVP27: Footpath 141 Stone Ness	956m	Significant	Significant	Significant	Cumulative sites ID17, ID39, ID42 as shown on Figure 21.3 .	These lie between 2km and 3.5km, as shown on Figure 21.3 , with most having gained consent. ID17 is still in planning awaiting decision.	In-combination visual impacts resulting from presence within the view.	The Kent Project Site would result in a significant effect where cumulative scheme ID17, ID39 and ID42 would be limited in the view and would not have a significant effect.	In the certain scenario (ID39 and ID42) and uncertain scenario (adding ID17) there would be a cumulative significant effect due to the Kent Project Site.
PVP28: Opposite Devonshire Place, Devonshire Road	1.36km	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
PVP29: The Promenade, Grays	697m	Significant	Significant	Significant	Cumulative sites ID17, ID39, ID42 as shown on Figure 21.3 .	These lie between 2km and 3.5km, as shown on Figure 21.3 , with most having gained consent. ID17 is still in planning awaiting decision.	In-combination visual impacts resulting from presence within the view.	The Kent Project Site would result in a significant effect where cumulative scheme ID17, ID39 and ID42 would be limited in the view and would not have a significant effect.	In the certain scenario (ID39 and ID42) and uncertain scenario (adding ID17) there would be a cumulative significant effect due to the Kent Project Site.
PVP30: Timber Court and Coal Court	761m	Significant	Significant	Significant	Cumulative sites ID17, ID39, ID42 as shown on Figure 21.3 .	These lie between 2km and 3.5km, as shown on Figure 21.3 , with most having gained consent. ID17 is still in planning awaiting decision.	In-combination visual impacts resulting from presence within the view.	The Kent Project Site would result in a significant effect where cumulative scheme ID17, ID39 and ID42 would be limited in the view and would not have a significant effect.	In the certain scenario (ID39 and ID42) and uncertain scenario (adding ID17) there would be a cumulative significant effect due to the Kent Project Site.
PVP31: Grays Beach Riverside Park	807m	Significant	Significant	Significant	Cumulative sites ID17, ID39, ID42 as shown on Figure 21.3 .	These lie between 2km and 3.5km, as shown on Figure 21.3 , with most having gained consent. ID17 is still in planning awaiting decision.	In-combination visual impacts resulting from presence within the view.	The Kent Project Site would result in a significant effect where cumulative scheme ID17, ID39 and ID42 would be limited in the view and would not have a significant effect.	In the certain scenario (ID39 and ID42) and uncertain scenario (adding ID17) there would be a cumulative significant effect due to the Kent Project Site.
PVP32: Footpath 186, Tilbury and Grays	1.62km	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
PVP33: Chadwell Bypass	2.7km	Not Significant	Not Significant	Not Significant	Cumulative sites ID17, ID27, ID39, ID42 as shown on Figure 21.3 .	These lie between 2km and 5.5km, as shown on Figure 21.3 , with most having gained consent. ID17 is still in planning awaiting decision.	In-combination visual impacts resulting from presence within the view.	The Kent and Essex Project Sites would not result in a significant effect in their own right. The cumulative sites would not have a significant effect in their own right or in combination. The cumulative sites and Project Site would not result in a combined significant effect.	Not significant cumulative effect.
PVP34: South of Thames View	2.4km	Not Significant	Not Significant	Not Significant	Cumulative sites ID1, ID2, ID3, ID4, ID22, ID27 as shown on Figure 21.3 .	These lie between 700m and 5km, as shown on Figure 21.3 , ID1 is the only consented scheme whilst the rest are in various stages of planning.	In-combination visual impacts resulting from presence within the view.	The most prominent cumulative schemes would be ID22 and ID27, which would be visible at close range. Other schemes would also be visible, making the cumulative effect already evident. The Proposed scheme would not add to what is already a significant effect established by the cumulative schemes in either scenario.	Certain scenario: Significant cumulative effect largely due to ID1. Uncertain scenario: Significant, due to cumulative schemes in close proximity.

Viewpoint	Distance from Project Site	Construction Effect	Operational (Y1) Effect	Operational (Y15) Effect	Cumulative Schemes Visible in Combination or Sequentially	Detail of Cumulative Schemes Visible	Nature of potential impact	Assessment of Proposed Scheme	Assessed Effect
PVP35: Coalhouse Fort	4.4km	Not Significant	Not Significant	Not Significant	Cumulative sites ID1, ID2, ID3, ID4, as shown on Figure 21.3 .	These lie between 700m and 5km, as shown on Figure 21.3 , and some are in planning and some consented.	In-combination visual impacts resulting from presence within the view.	The Kent and Essex Project Sites would not result in a significant effect in its own right. The cumulative sites would not have a significant effect in their own right or in combination. The cumulative sites and Project Site would not result in a combined significant effect.	In either the certain scenario (ID1) and uncertain scenario (adding ID2, ID3 and ID4) there would not be a cumulative effect that is not significant.
PVP36: Footpath 68, West Tilbury	2.3km	Not Significant	Not Significant	Not Significant	Cumulative sites ID27, ID39 as shown on Figure 21.3 .	These lie between 1km and 3km, as shown on Figure 21.3 , and some are in planning and some consented.	In-combination visual impacts resulting from presence within the view.	The Kent and Essex Project Sites would not result in a significant effect in their own right. The cumulative sites would not have a significant effect in their own right or in combination. The cumulative sites and Project Site would not result in a combined significant effect.	Not significant cumulative effect.
PVP37: Byway 98, Tilbury Fort	140m	Significant	Significant	Significant	Cumulative sites ID20, ID25, ID40, ID41 as shown on Figure 21.3	These lie within 1.5km and 2km, as shown on Figure 21.3 , with all having gained consent.	In-combination visual impacts resulting from presence within the view.	The Essex Project Site would result in a significant effect where cumulative schemes would be limited in the view.	Cumulative effect. Significant due to the Essex Project Site.
PVP38: Footpath 146, Tilbury	282m	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
PVP39: London International Cruise Terminal	0m	Significant	Significant	Significant	N/A	N/A	N/A	N/A	No cumulative effect.
PVP40: Railway Street, Northfleet	141m	Significant	Significant	Significant	N/A	N/A	N/A	N/A	No cumulative effect.
PVP41: Footpath NS177, Cobham, Kent Downs AONB	5.26km	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
PVP42: A227 Wrotham Road	2.12km	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
PVP43: New Barn Road, Scadbury Manor	666m	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
PVP44: Footpath DR126, Park Corner Road, Northend	523m	Not Significant	Not Significant	Not Significant	Cumulative sites ID9 as shown on Figure 21.3 .	This site lies within 1.5km, as shown on Figure 21.3 , has consent and is mostly built out.	In-combination visual impacts resulting from presence within the view.	The Kent Project Site would not result in a significant effect in its own right or in combination with any cumulative schemes.	Not significant cumulative effect.
PVP45: Restricted Byway DR129	498m	Not Significant	Not Significant	Not Significant	Cumulative sites ID9 as shown on Figure 21.3 .	This site lies within 1.5km, as shown on Figure 21.3 , has consent and is mostly built out.	In-combination visual impacts resulting from presence within the view.	The Kent Project Site would not result in a significant effect in its own right or in combination with any cumulative schemes.	Not significant cumulative effect.
PVP46: Candy Dene	0m	Significant	Significant	Not Significant	Cumulative sites ID18, ID19 as shown on Figure 21.3 .	These sites lie within 600m, as shown on Figure 21.3 , have consent and are mostly built out.	In-combination visual impacts resulting from presence within the view.	The Kent Project Site would not result in a significant effect in its own right or in combination with any cumulative schemes.	Not significant cumulative effect.
PVP47: Hall Road Bridge, B262	0m	Not Significant	Not Significant	Not Significant	Cumulative sites ID9, ID18, ID19 as shown on Figure 21.3 .	These sites lie within 400m and 2km, as shown on Figure 21.3 , all of which have consent and are mostly built out.	In-combination visual impacts resulting from presence within the view.	The Kent Project Site would not result in a significant effect in its own right or in combination with any cumulative schemes.	Not significant cumulative effect.

Viewpoint	Distance from Project Site	Construction Effect	Operational (Y1) Effect	Operational (Y15) Effect	Cumulative Schemes Visible in Combination or Sequentially	Detail of Cumulative Schemes Visible	Nature of potential impact	Assessment of Proposed Scheme	Assessed Effect
PVP48: A2260, Ebbsfleet International	0m	Not Significant	Not Significant	Not Significant	Cumulative sites ID18, ID19 as shown on Figure 21.3 .	These sites lie within 600m, as shown on Figure 21.3 , have consent and are mostly built out.	In-combination visual impacts resulting from presence within the view.	The Kent Project Site would not result in a significant effect in its own right or in combination with any cumulative schemes.	Not significant cumulative effect.
PVP49: Windmill Hill Park	1.63km	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
PVP50: Gravesend to Tilbury Ferry	222m	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
PVP51: Gravesend Promenade / Saxon Shore Way / Wealdway	870m	Significant	Not Significant	Not Significant	Cumulative sites ID1, ID2, ID3, ID4 as shown on Figure 21.3 .	These lie between 1-2km north, as shown on Figure 21.3 , ID1 is consented whilst the other cumulative schemes are in planning.	In-combination visual impacts resulting from presence within the view. Also potential sequential impacts for users of this route.	The most prominent cumulative schemes would be ID1, ID2 and ID4, which would be visible at close range. ID3 is unlikely to be visible given it is a tunnel under the Thames. The Proposed scheme at the Essex Project Site would not add to what is already a significant effect established by the cumulative schemes.	Certain scenario: Significant cumulative effect largely due to ID1. Uncertain scenario: Significant, due to cumulative schemes in close proximity.
PVP52: Footpath N129 / Wealdway	2.2km	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect
PVP53: Botany Marsh	0m	Significant	Significant	Significant	N/A	N/A	N/A	N/A	No cumulative effect
PVP54: Botany Marsh/ Footpath NU1	0m	Significant	Significant	Significant	N/A	N/A	N/A	N/A	No cumulative effect
PVP55: Footpath DS17, HS1 overbridge	0m	Significant	Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect
PVP56: Footpath DR1 near Dartford Crossing	2.7km	Significant	Significant	Not Significant	ID17 as shown on Figure 21.3 .	ID17 is located within 2.7km, adjacent to the Kent Project Site as shown on Figure 21.3 and is planning.	In-combination visual impacts resulting from presence within the view.	The Kent Project Site would not result in a significant effect in its own right or in combination with any cumulative schemes.	Not significant, cumulative effect.
PVP57: High Street looking north	2m	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect
PVP58: Galley Hill Road	0m	Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect
PVP59: Footpath NG1/Saxon Shore Way	4.37km	Not Significant	Not Significant	Not Significant	Cumulative sites ID1, ID2, ID3, ID4 as shown on Figure 21.3 .	These lie between 2.5km, as shown on Figure 21.3 , ID1 is consented whilst the other schemes are in planning.	In-combination visual impacts resulting from presence within the view.	The most prominent cumulative schemes would be ID1, ID2 and ID4, which would be visible at close range. ID3 is unlikely to be visible given it is a tunnel under the Thames. As such, the cumulative effect would already be evident. The Proposed scheme at the Essex Project Site would not add to what is already a significant effect established by the cumulative schemes.	Certain scenario: Significant cumulative effect largely due to ID1. Uncertain scenario: Significant, due to cumulative schemes in close proximity.
PVP60: Footpath DS12/Pilgrims Way	0m	Significant	Significant	Significant	N/A	N/A	N/A	N/A	No cumulative effect.
PVP61: Footpath DR26 near Bean	620m	Not Significant	Not Significant	Not Significant	Cumulative sites ID9, ID10, ID11 as shown on Figure 21.3 .	These lie between 850m and 2km as shown on Figure 21.3 , and are all consented.	In-combination visual impacts resulting from presence within the view.	The Kent Project Site would not result in a significant effect in its own right or in combination with any cumulative schemes.	Not significant cumulative effect.

Viewpoint	Distance from Project Site	Construction Effect	Operational (Y1) Effect	Operational (Y15) Effect	Cumulative Schemes Visible in Combination or Sequentially	Detail of Cumulative Schemes Visible	Nature of potential impact	Assessment of Proposed Scheme	Assessed Effect
PVP62: View from A2	1.84km	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
PVP63: Bean Junction	2.2km	Not Significant	Not Significant	Not Significant	Cumulative sites ID9, ID10, ID11 as shown on Figure 21.3 .	These lie between adjacent to the view and within 2km as shown on Figure 21.3 , and are all consented.	In-combination visual impacts resulting from presence within the view.	The most prominent cumulative schemes would be ID9, ID10 and ID11, which would be visible at close range. As such, the cumulative effect would be evident. The Proposed scheme at the Kent Project Site would not add to what is already a significant effect established by the cumulative schemes.	Significant cumulative effect, largely due to other cumulative schemes in close proximity.
PVP64: Anchor Field Park	330m	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
PVP65: King George's Playing Field	860m	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
PVP66: South of Stone Ness	1.2km	Significant	Significant	Significant	Cumulative sites ID17 as shown on Figure 21.3 .	ID17 is located within 950m, adjacent to the Kent Project Site as shown on Figure 21.3 , and is in planning awaiting decision.	In-combination visual impacts resulting from presence within the view.	ID17 would be prominent in the view, extending out into the River Thames and includes a 16 storey tower which would create a significant effect in itself.	In the uncertain scenario (adding ID17) there would be a significant cumulative effect.
PVP67: South of Tilbury Docks	1.2km	Significant	Significant	Significant	Cumulative sites ID20, ID25, ID39, ID40, ID41 as shown on Figure 21.3 .	These lie within 400m and 1km, as shown on Figure 21.3 , with all having gained consent.	In-combination visual impacts resulting from presence within the view	The most prominent cumulative scheme would be ID25, which would be visible at close range. Other schemes would also be visible, making the cumulative effect evident.	Cumulative effect. Significant, largely due to other cumulative schemes in close proximity.
PVP68: North of Broadness Salt Marsh	300m	Significant	Significant	Significant	Cumulative sites ID17, ID42 as shown on Figure 21.3 .	ID17 and ID42 are located within 2km, adjacent to the Kent Project Site as shown on Figure 21.3 , ID17 is in planning awaiting decision whilst ID42 is consented.	In-combination visual impacts resulting from presence within the view.	ID17 would be prominent in the view, extending out into the River Thames and includes a 16 storey tower which would create a significant effect in itself. The Proposed scheme at the Kent Project Site would add to what is already a significant effect established by the cumulative scheme.	In the certain scenario (ID42) and uncertain scenario (adding ID17) there would be a cumulative significant.
PVP69: Gravesend Reach	2.2km	Not Significant	Not Significant	Not Significant	Cumulative sites ID1, ID2, ID3, ID4 as shown on Figure 21.3 .	These lie between 1km to 2km, as shown on Figure 21.3 . ID1 has consent whilst the others are in planning.	In-combination visual impacts resulting from presence within the view.	The most prominent cumulative schemes would be ID1, ID2 and ID4, which would be visible at close range. ID3 is unlikely to be visible given it is a tunnel under the Thames. As such, the cumulative effect would already be evident. The Proposed scheme at the Essex Project Site would not add to what is already a significant effect established by the cumulative schemes.	Certain scenario: Significant cumulative effect. Significant effect, due to ID1 in close proximity. Uncertain scenario: Significant cumulative effect largely due to cumulative schemes in close proximity.
PVP70: Northfleet Hope	600m	Significant	Significant	Significant	Cumulative sites ID17, ID43 as shown on Figure 21.3 .	As show in Figure 21.3 , ID17 is located 2.3km from the view and is in planning awaiting decision whilst ID43 is consented and located 1.5km south.	In-combination visual impacts resulting from presence within the view.	The Kent Project Site would result in a significant effect where cumulative scheme ID17 and ID43 would be limited in the view and would not have a significant effect.	In the certain scenario (ID43) and uncertain scenario (adding ID17) there would be a cumulative significant effect due to the Kent Project Site.
PVP71: Fiddler's Reach	480m	Significant	Significant	Significant	Cumulative sites ID17, ID42 as shown on Figure 21.3 .	ID17 and ID42 are located within 1-2kmkm, adjacent to the Kent Project Site as shown on Figure 21.3 , ID17 is in planning awaiting decision whilst ID42 is consented.	In-combination visual impacts resulting from presence within the view.	ID17 would be prominent in the view, extending out into the River Thames and includes a 16 storey tower.	In the certain scenario (ID39 and ID42) and uncertain scenario (adding ID17) there would be a cumulative significant effect due to the Kent Project Site.

Viewpoint	Distance from Project Site	Construction Effect	Operational (Y1) Effect	Operational (Y15) Effect	Cumulative Schemes Visible in Combination or Sequentially	Detail of Cumulative Schemes Visible	Nature of potential impact	Assessment of Proposed Scheme	Assessed Effect
PVP72: Footpath 117, Tilbury Docks	850m	Significant	Significant	Significant	Cumulative sites ID17, ID39, ID42 as shown on Figure 21.3 .	These lie between 2km and 3.5km, as shown on Figure 21.3 , with all having gained consent.	In-combination visual impacts resulting from presence within the view.	The Kent Project Site would result in a significant effect where cumulative scheme ID17, ID39 and ID42 would be limited in the view and would not have a significant effect.	In the certain scenario (ID39 and ID42) and uncertain scenario (adding ID17) there would be a cumulative significant effect due to the Kent Project Site.
PVP73: Pedham Place Golf Centre	7.7km	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.
PVP74: Camer Country Park	5.75km	Not Significant	Not Significant	Not Significant	N/A	N/A	N/A	N/A	No cumulative effect.